

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) Process for the catalytic hydrogenation of a nitrile in the presence of an amine, a hydroxide and a freshly prepared and liquid-rinsed Raney-type catalyst, characterized in that the catalyst is contacted with at least a part of the hydroxide prior to contacting the catalyst with the amine.
2. (original) Process according to claim 1, wherein the nitrile is a dinitrile.
3. (currently amended) Process according to claim 1 ~~or 2~~, wherein the amine is a diamine.
4. (currently amended) Process according to ~~any of claims 1-3~~ claim 1, wherein the catalyst is a Ra-Ni-type catalyst or a Ra-Co-type catalyst.
5. (currently amended) Process according to ~~any of claims 1-4~~ claim 1, wherein the hydroxide is chosen from the group consisting of potassium hydroxide, rubidium hydroxide and cesium hydroxide.
6. (currently amended) Process according to ~~any of claims 1-5~~ claim 1, wherein the hydroxide is used in an amount of between 1 weight % and 15 weight %, relative to the weight of the catalyst.
7. (currently amended) Process according to ~~any of claims 1-6~~ claim 1, wherein the part of the hydroxide, with which the catalyst is contacted prior to contacting the catalyst with the amine, is at least 10 weight %, relative to the total weight of hydroxide, with which the catalyst is contacted.
8. (currently amended) Process according to ~~any of claims 1-7~~ claim 1, wherein prior to rinsing the catalyst is stored under an alkaline solution comprising an alkali hydroxide, which is different from the alkali hydroxide with which the catalyst is contacted after rinsing.

9. (currently amended) Process according to ~~any of claims 1-8~~ claim 1, wherein the catalyst, after it has been contacted with at least part of the hydroxide, is kept as is for a period of at least 15 minutes prior to contacting the catalyst with the amine.

10. (currently amended) Process according to ~~any of claims 1-9~~ claim 1, wherein the hydrogenation is carried out in an at least partially aqueous liquid reaction medium.

11. (currently amended) Process according to ~~any of the claims 1-10~~ claim 1, comprising

(a) preparing a reaction mixture of the catalyst contacted with the hydroxide in a liquid reaction medium under an inert gas atmosphere, wherein the reaction mixture comprises 0.5-30 weight % of catalyst relative to the total weight of reaction mixture, and the liquid reaction medium comprises 50-100 weight % amine and 0-50 weight % water, relative to the total weight of the liquid reaction medium,

(b) applying a hydrogen pressure between 1 and 100 bar, and

(c) adding the nitrile to said reaction mixture in a weight ratio, relative to the weight of the catalyst, between 0.1:1 and 10:1, thereby converting the nitrile in the corresponding amine.